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COPY NO.: 45

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

CHEMICAL PLANT NO. 39

KOMSOMOLSK, USSR



Declass Review by  
NIMA/DOD

HTA/M-24/58

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NO CHANGE IN CLASS. ☐  
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NOVEMBER 1958

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CENTRAL INTELLIGENCE AGENCY  
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CHEMICAL PLANT NO. 39

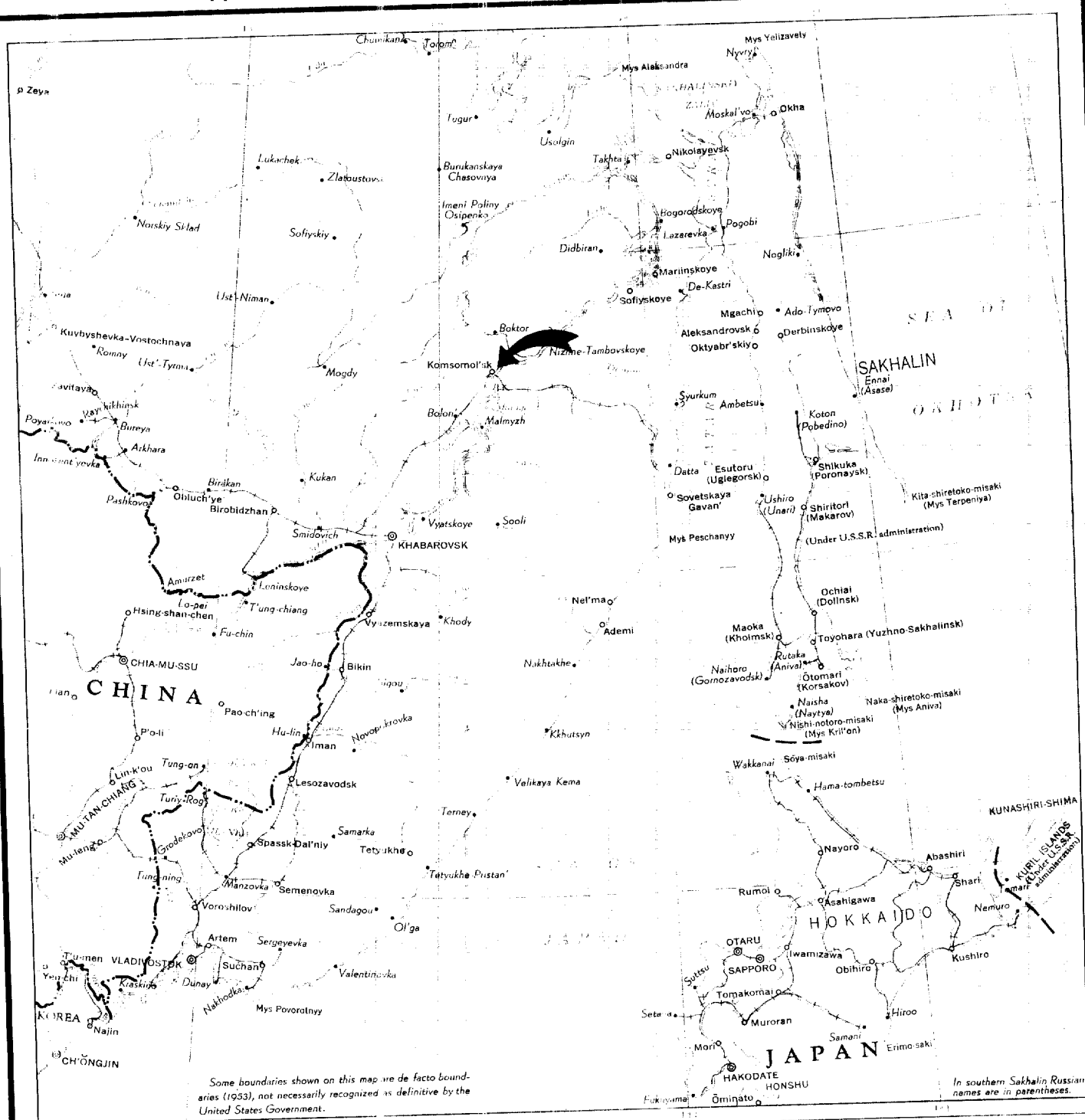
KOMSOMOLSK, USSR

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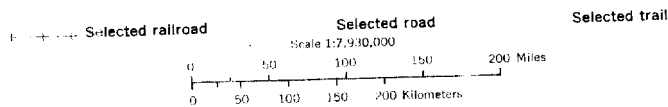
November 1958

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U.S.S.R.  
VLADIVOSTOK-NIKOLAYEVSK AREA



HTA/M-24/58

CHEMICAL PLANT NO. 39  
KOMSOMOLSK, USSR

25X1D Komsomolsk Chemical Plant No. 39 [REDACTED] is situated  
in the extreme northwest outskirts of Komsomolsk, approximately two  
miles northeast of Komsomolsk Railroad Station, Yards, and Shops  
(figure 2). [REDACTED] photography reveals that this plant is situated  
just west of the location indicated on ATMP 0204-9998-4-25A (dated  
25X1D [REDACTED] This installation is reported to be one of the major  
producers of sulfuric acid in the Soviet Far East.

25X1D An interpretation of [REDACTED] photography covering this installation  
fails to confirm or deny the production of sulfuric acid at this plant.  
The usual external evidences of chemical manufacture, such as pipelines,  
tanks, and liquid storage facilities, are almost entirely lacking. However,  
the severity of climate here may necessitate enclosing most of the equip-  
ment which would normally be identified on aerial photography.

Production of sulfuric acid is most likely in building 9 (see figure 1).  
However, because of the height and size of this building, it is assumed  
that actual acid production would only take place in the northern third of  
the structure. Moreover, the entire plant is much larger than would be  
necessary for the production of sulfuric acid alone. What other chemicals,  
if any, are being produced here cannot be determined from the photography.

One major construction project is in evidence in the northwestern  
section of the plant area (see detailed description of building 19 in the  
key to annotations). This may be the location of the boric acid shop  
reported under construction. To the north of this new building are two  
sites which may represent new construction activity (items 11 and 13).

Production activity at the time of photography appears very limited.  
No steam or smoke could be detected, and an old snow cover was dis-  
turbed very little either by vehicular or rail traffic. Approximately six  
freight cars and two possible tank cars were within the plant area, and no  
vehicular traffic could be detected. However, an unfrozen stream of waste

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water was issuing from the eastern edge of the plant area, indicating that warm water was probably being discharged into this steam.

#### KEY TO ANNOTATIONS

1. Two possible maintenance buildings, single-story, 25 by 20 feet.
2. Possible laboratory: three-story section, 90 by 20 feet; single-story section, 75 by 20 feet.
3. Possible maintenance building, single-story, flat-roofed, 60 by 20 feet.
4. Administration building, two-story, flat-roofed, 95 by 45 feet.
5. Reported woodworking shop, single-story, gable-roofed, 125 by 35 feet.
6. Open storage.
7. Probable warehouse, single-story, flat-roofed, 135 by 80 feet. A stock-pile of unidentified material is located along the eastern edge of the building.
8. Probable processing and storage building, single-story, gable-roofed, 235 by 75 feet. The northwestern corner of this building has a two-story section, 65 by 40 feet. An elevated pipeline from building 9 enters the northwestern end of this building. About 65 feet from the northwestern end a fire wall protrudes through roof. On the northern corner of the building is a 20 foot square extension with a dome-like object approximately 15 feet in diameter protruding through the roof.
9. Main production building, irregularly-shaped, over-all dimensions 315 by 75 feet. This building appears divided into five sections by fire walls protruding through the roof. The eastern portion of the building is one-story. The western portion is multistory, with one section 90 by 55 feet rising to approximately five stories. At least 14 small stacks or ventilators can be seen on the roofs. One elevated pipeline from building 8 enters the western edge of the building. From the northwestern corner of the building another very faint impression of a possible elevated pipeline can be seen

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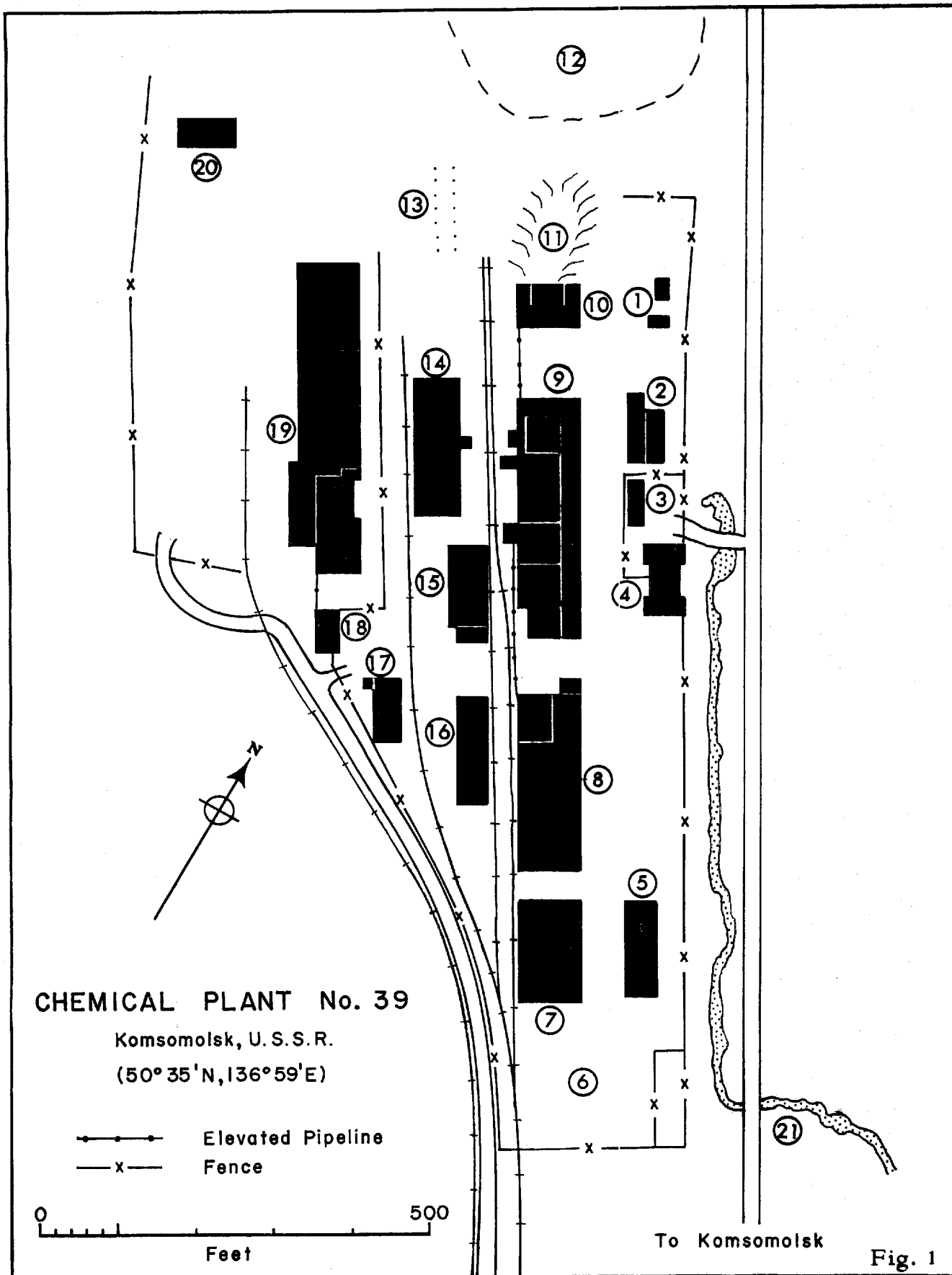
going to building 10. Deep shadows and limited resolution preclude more detailed interpretation.

10. Possible heating and power plant, 80 by 55 feet; two-story, with a 50 by 35-foot section rising to four stories. A probable furnace stack is located along the western edge of the building. No smoke indicating operation could be detected. A possible coal stockpile is located immediately to the west of the building.
11. Deep excavation adjacent to the northern edge of building 10.
12. Debris from the excavation (item 11).
13. Fourteen regularly-spaced objects, possibly footings or pilings for a new building.
14. Probable warehouse, single-story, gable-roofed, 185 by 55 feet.
15. Possible processing building, two-story, flat-roofed, 110 by 50 feet. The roof appears cluttered, but objects are not distinguishable. A firewall protrudes through the roof near the southern end of the building. Attached to the southern end is a small one-story building, 40 by 20 feet, with three stacks or ventilators in the roof. Along the western end of the building, a stockpile of unidentified material can be seen.
16. Possible processing building, two-story, flat-roofed, 145 by 40 feet. The roof appears cluttered, but individual objects are not distinguishable.
17. Warehouse, single-story, gable-roofed, 85 by 35 feet. A small probable guardhouse is attached near the northwestern corner of the the building.
18. Unidentified building, single-story, gable-roofed, 55 by 25 feet. A probable elevated pipeline from building 19 enters the northwestern corner of the building.
19. Large irregularly-shaped building under construction: over-all dimensions 405 by 75 feet. A southern single-story section, 125 by 55 feet, is completed and has a flat roof with three skylights, each approximately 20 feet square. Also completed is a three-

story section, 110 by 30 feet, with two ventilators on the flat roof. The center section, 165 by 75 feet, is only partially covered revealing at least 16 rooms, varying in size from approximately 15 feet square to 30 feet square. The northern section, 115 by 80 feet, is also only partially covered. This section appears to be approximately five stories high. At the northwestern corner, some unidentified equipment extends almost another story above the estimated roof level. Dark shadows do not permit determining whether this is a construction crane or permanent equipment associated with the building. The uncovered portion of this section appears cluttered with a few pipes and possible tanks, but dark shadows preclude more detailed interpretation. In the shadows outside the northern end of the building faint impressions of additional construction are barely perceptible. Construction materials are stored along the western side of the building. One jib crane is in motion between the construction material and the building, and what is possibly another jib crane can be detected in shadows along the eastern edge of the building.

20. Unidentified building, single-story, gable-roofed, 80 by 40 feet.
21. Waste water discharge.





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CHEMICAL PLANT NO. 394703

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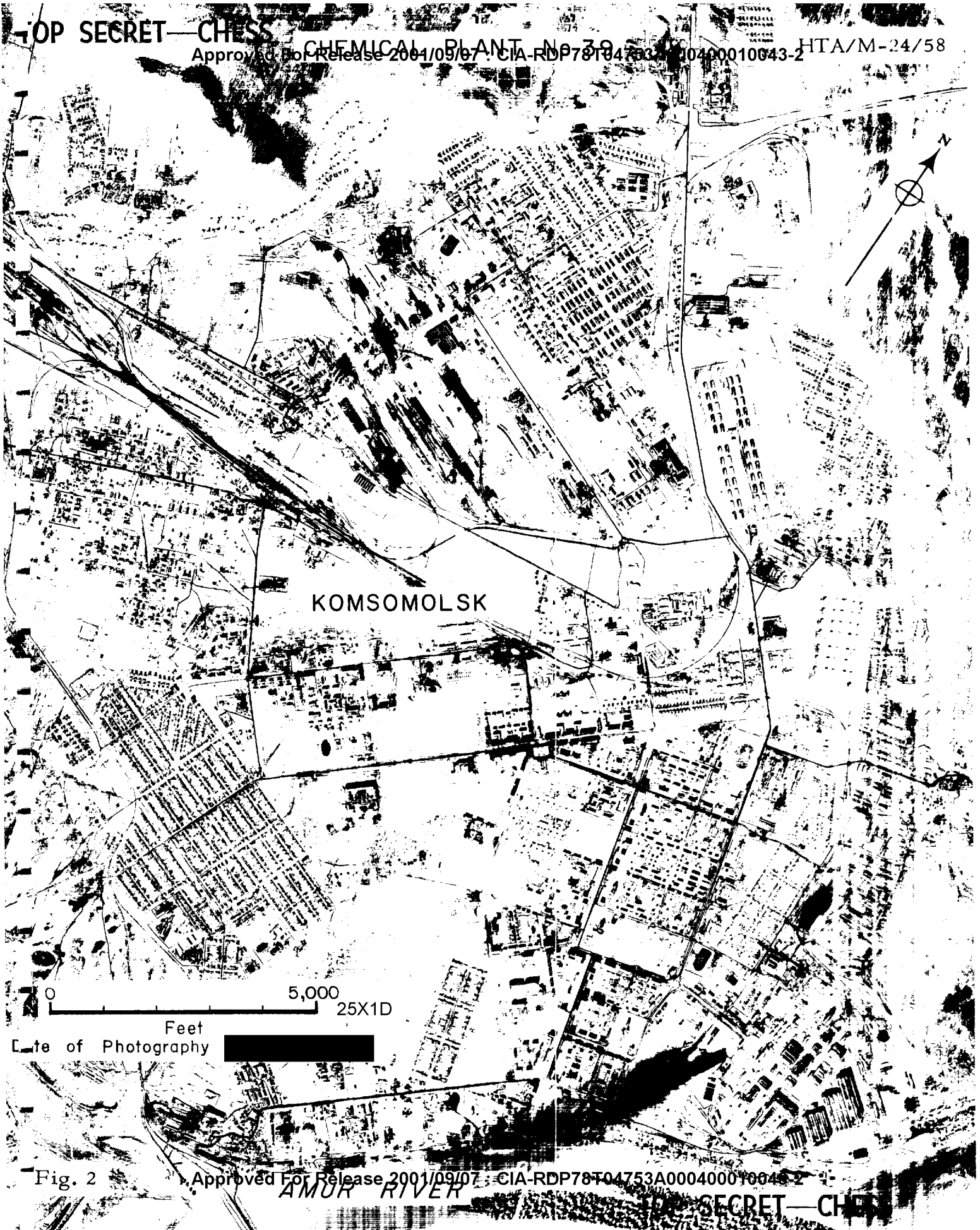


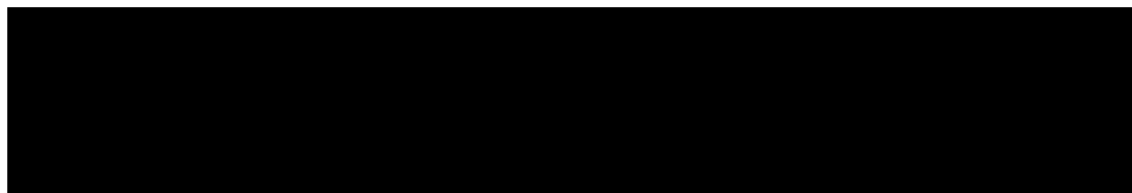
Fig. 2

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25X1D REQUIREMENT: Prepared in answer to RR/HTA/E/R64/58 requesting  
a detailed description of Chemical Plant No. 39 in Komsomolsk,  
USSR.



MAP DATA:

WAC: 204 (U)

ATMP: 0204-9998-100A 2nd. Ed., Dec. 53 (S)

0204-9998-4-25A 2nd. Ed., Dec. 53 (S)

REFERENCES:

Air, FEAF. Report 1296-A (Wringer FP-943), 26 Jun 50. (S)

Air, FEAF. Report 1700-A (Wringer FP1415), 21 Dec 50. (S)

COORDINATES: 50°35'N/136°59'E

25X1A B. E. NUMBER: [REDACTED] Komsomolsk Sulphuric Acid Plant.

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